

ESTIMATION DPR							
State	Odisha	District	Balangir	Block	Patnagarh	Gram Panchayat	Mundomahul

Work Code	OD/345/3293/115951/420690/00054948 (IMP OF ROAD FROM MANEIPAD TO BAGBAHALI CHOWK)
Project Category	Road

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Patnagarh	Proposal Date	-
Date of Commencement	05-03-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	All Weather Connectivity
Project Sub-Category	Mettalling Road	Project Type	Repair and Maintenance
Name of Executant	TUSHAR KUMAR PATRA		

Administrative Approval Details

Approval No.	OD/345/3293/115951/420690/00054948/AS
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Technical Sanction Details

Technical Sanction No.	OD/345/3293/115951/420690/00054948/TS
Fund Sanction No.	34188
Fund Sanction Amount (in Rs.)	400000

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge	-	9.12525	Cum

2	Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	-	36.639	Cum
i)	BRM029 : Sand for filling and road blinding	1	36.639	1 Cum
3	Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.	-	36.639	Cum
i)	BRM340 : Cement	2.29	83.90331	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	17.58672	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	35.17344	1 Cum.

4	<p>R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	-	64.6875	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.172715625	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	8.150625	1Mtr.
5	<p>Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge.</p>	-	23.6109375	Cum
i)	BRM340 : Cement	3.23	76.263328125	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	10.624921875	1 Cum
iii)	BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	21.24984375	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	36.639	1 Cum	530.23	19427.09697
2	BRM340	160.166638125	1 Qntl.	534.912	85675.05673272
3	BRM028	28.211641875	1 Cum	535.17	15098.024382244
4	BRM044	35.17344	1 Cum.	1388.44	48836.2110336
5	BRM104	0.172715625	1Cum.	58573.086	10116.487156669
6	BRM092	8.150625	1Mtr.	229.106	1867.35709125
7	BRM056	21.24984375	1 Cum.	1789.81	38033.182842187
					Total: 219053.41620867